



Attorney Docket No. 8194-721

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Leonid Krasny et al.

Confirmation No.: 8358

Serial No.: 10/608,274

Group Art Unit: 2631

Filed: June 27, 2003

For: METHODS AND SYSTEMS FOR ESTIMATING A CHANNEL RESPONSE BY
APPLYING BIAS TO AN INITIAL CHANNEL ESTIMATE

March 25, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)**

Sir:

Attached is a form PTO-1449, together with a copy of each of the identified document(s). It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP. This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 25, 2004.

Susan E. Freedman

Date of Signature: March 25, 2004

Substitute form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number		10/608,274	
		Filing Date		06/27/2003	
		First Named Inventor		Leonid Krasny	
		Group Art Unit		2631	
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	8194-721

U.S. PATENTS AND PATENT PUBLICATIONS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
	1	US-2004/0013212	A1	Benesty et al.	01/22/2004
	2	US-2003/0043893	A1	Jard et al.	03/06/2003
	3	US-5,872,816		Parr et al.	02/16/1999
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
	4	WO	01/06683	A1	Glenayre Electronics, Inc.	01/25/2001	

OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	5	Standard Search Report, File No. RS 109963 US, March 5, 2004	
	6	Cedervall et al., <i>Structured Methods for Blind Multi-Channel Identification</i> , IEEE International Conference on Digital Signal Processing, July 2-4, 1997, pp. 387-390	
	7	Harada, <i>OCDFM: A New Multicode CDM Radio Transmission System Based on Cyclic Modified M-Sequences - Performance Evaluation Using Prototype</i> -, IEEE Vehicular Technology Conference, May 16-20, 1999, pp. 1819-1825	
	8	Kubin et al., <i>Frequency-Domain Bias Decomposition for LMS and LS Adaptive Filters</i> , IEEE International Conference on Acoustics, Speech, and Signal Processing, April 27-30, 1993, pp. 531-534	
	9	Martone, <i>Optimally Regularized Channel Tracking Techniques for Sequence Estimation Based on Cross-Validated Subspace Signal Processing</i> , IEEE Transactions on Communications, Vol. 48, No. 1, January 2000, pp. 95-105	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.